

App'n No. 09/721,858  
Amnd. Dated June 22, 2005  
Response to Office Action of May 20, 2005

3

**BEST AVAILABLE COPY****Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A printer for printing a collated multi-page document when presented with a plurality of manually collated pages, the printer including:
  - (a) at least one code sensor which senses machine-readable codes on the manually collated pages, where the machine readable codes are substantially invisible to the unaided human eye, and wherein the at least one code sensor senses machine-readable codes on both sides of at least one of the manually collated pages;
  - (b) a control unit which uses the machine-readable codes to identify and retrieve previously stored electronic versions of the pages; and
  - (c) a print engine which prints the retrieved pages, at least one of the printed pages including machine readable codes that are substantially invisible to the unaided eye.
2. (Original) A printer according to claim 1 further including a binder for binding together the printed pages.
3. (Original) A printer according to claim 1 further including a scanner for copying pages which do not have machine-readable codes on them and which produces electronic versions of the pages.
4. (Original) A printer according to claim 3 further including a storage medium which stores the electronic versions of the scanned pages.
5. (Original) A printer according to claim 1 further including a hand-held code sensor which senses machine-readable codes on the manually collated pages.
6. (Original) A printer according to claim 1 or 5 wherein the machine-readable codes on the manually collated pages are represented:
  - (a) optically; or
  - (b) electronically; or
  - (c) magnetically; or
  - (d) topographically; or

Appn No. 09/721,858  
Amdt. Dated June 22, 2005  
Response to Office Action of May 20, 2005

4

# BEST AVAILABLE COPY

(e) chemically.

7. (Cancelled).

8. (Original) A printer according to claim 1 wherein the control unit also controls communications between the printer and one or more peripheral devices.

9. (Original) A printer according to claim 1 wherein electronic versions of the manually collated pages which are to be printed are retrieved from at least one of the group including:

- (a) a storage medium contained within a host computer;
- (b) a server which is accessed over a computer network;
- (c) a storage medium contained within the printer itself; or
- (d) any combination of the above.

10. (Original) A printer according to claim 1 further including an input device with which a user of the printer controls the format of the printed and collated multi-page document.

11. (Original) A printer according to claim 10 wherein the input device includes a touch sensitive display.

12. (Cancelled).

13. (Original) A printer according to claim 2 wherein the printer inserts blank pages in the printed document to duplicate blank pages contained within the manually collated pages.

14. (Original) A printer according to claim 1 wherein instructions from a hand-held code sensor are received and interpreted, and a collated multi-page document is produced.

15. (Original) A printer according to claim 1 further including an interface which transmits instructions for printing a collated multi-page document to a second printer.

16. (Original) A printer according to claim 15 wherein the instructions are transmitted

App'n No. 09/721,858  
Amdt. Dated June 22, 2005  
Response to Office Action of May 20, 2005

5

**BEST AVAILABLE COPY**

over a computer network or over a telephone network.

17. (Original) A printer according to claim 1 further including a storage medium which stores an electronic version of pages which have been printed.

18. (Currently Amended) A method of printing a collated multi-page document when presented with a plurality of manually collated pages, the method including the following steps:

- (a) sensing machine-readable codes on the manually collated pages using at least one code sensor, where the machine readable codes are substantially invisible to the unaided human eye, and wherein the at least one code sensor senses machine-readable codes on both sides of at least one of the manually collated pages;
- (b) using the machine-readable codes to identify and retrieve previously stored electronic versions of the pages; and
- (c) printing the retrieved pages using a printer, at least one of the printed pages including machine readable codes that are substantially invisible to the unaided eye.

19. (Original) A method according to claim 18 further including the step of binding together the printed pages.

20. (Original) A method according to claim 18 further including the steps of using a scanner for copying pages which do not have machine-readable codes on them and producing electronic versions of those pages.

21. (Original) A method according to claim 18 wherein the step of printing the retrieved pages includes printing machine-readable codes on those pages.

22. - 23. (Cancelled).

24. (Original) A method according to claim 18 further including the step of using an input device to control the format of the printed and collated multi-page document.

25. (Original) A method according to claim 18 wherein the printing step includes the sub-step of transmitting the retrieved pages to a remote printer.